

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S222	66	S220 and S221	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/23 14:31
S221	110	398/10.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/23 14:31
S220	183680	(fault\$4 error\$4) with (monitor\$4 locat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/23 14:30
S216	278	(fault\$2 fail\$4) with both with (stand\$by back\$up protection) same node same switch \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 22:23
S215	519	(fault\$2 fail\$4) with both with (stand\$by back\$up protection) same node	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 22:22
S214	3990	(fault\$2 fail\$4) with both with (stand\$by back\$up protection)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 22:21
S213	60	(fault\$2 fail\$4) with both with (stand\$by back\$up protection) same LOS	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 21:50
S212	3990	(fault\$2 fail\$4) with both with (stand\$by back\$up protection)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 21:50
S211	0	(fault\$2 fail\$4) with both with (stand\$by back\$up protection)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:50
S210	0	(fault\$2 fail\$4) with both with (stand\$by back\$up protection) same LOS	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:50

S209	20	fail\$4 with both with protection same LOS	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:44
S208	25	fault with both with protection same LOS	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:41
S207	198	fault with protection same LOS	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:40
S206	41	("20020024690"   "20030117961"   "20040047628"   "20040120706"   "20040208547"   "20050074236"   "20050074236"   "20050091371"   "20050185954"   "20060274645"   "20080124074"   "4449247"   "4899043"   "5189674"   "5296956"   "5307353"   "5436750"   "5566162"   "5636203"   "5768255"   "5771274"   "5784359"   "5832196"   "5943146"   "6044064"   "6178025"   "6253339"   "6278689"   "6414940"   "6496476"   "6507561"   "6785473"   "6933852"   "6963995"   "7113699"   "7142505"   "7155123"   "7187862"   "7231145"   "7489642"   "7499646"   "7542672").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:32
S205	24	("20010024540"   "20010038473"   "20020018616"   "20020080440"   "20020154353"   "20020171889"   "20030025956"   "5712716"   "5808762"   "5907420"   "5943147"   "5969834"   "6011623"   "6025941"   "6075629"   "6115154"   "6229631"   "6266168"   "6654561"   "6873795"   "6907197"   "6952529"	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:25

		"7113698"   "7181137").PN. OR ("7529482").URPN.				
S204	11	("4736359"   "5532862"   "5914794"   "6088141"   "6377374"   "6665262").PN. OR ("7113698").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:23
S203	1	"7113698".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:23
S202	8	LOF same LOS same node and "398"/\$.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:11
S201	81	LOF same LOS same node	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 21:11
S196	160	("20020015200"   "20020015209"   "20020018265"   "20020021472"   "20020027689"   "20020041409"   "20020044315"   "20020080438"   "20020093712"   "20020097682"   "20020109879"   "20020109882"   "20020126342"   "20020131120"   "20020163683"   "20030123876"   "20030152390"   "20030174659"   "20040008989"   "20040017967"   "20040028056"   "20040042796"   "20040052524"   "20040141741"   "20040153566"   "20040190905"   "20040208510"   "20040208574"   "20040208574"   "20050074236"   "20050108444"   "20050163503"   "20050196165"   "20060013584"   "20060013585"   "20060045520"   "20060056843"   "20060269282"   "20070147835"	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 20:46

"20070230954" |  
"20070237521" |  
"20080050117" |  
"20090034965" |  
"20090080881" |  
"4451916" | "4809361"  
| "4845703" |  
"4994675" | "5130984"  
| "5144297" |  
"5157654" | "5166926"  
| "5296850" |  
"5319482" | "5347384"  
| "5452115" |  
"5488501" | "5495358"  
| "5495358" |  
"5502587" | "5515361"  
| "5521732" |  
"5535373" | "5537393"  
| "5539564" |  
"5539564" | "5559624"  
| "5627925" |  
"5627925" | "5679987"  
| "5682257" |  
"5708753" | "5708753"  
| "5777761" |  
"5844702" | "5867289"  
| "5867289" |  
"5896212" | "5920414"  
| "5970201" |  
"5970201" | "5978113"  
| "5495358" |  
"6005696" | "6101010"  
| "6101014" |  
"6128115" | "6137927"  
| "6215763" |  
"6229788" | "6246511"  
| "6307653" |  
"6332055" | "6332055"  
| "6369926" |  
"6417944" | "6433900"  
| "6433900" |  
"6466343" | "6477288"  
| "6504969" |  
"6507421" | "6556319"  
| "6574018" |  
"6580531" | "6583901"  
| "6587236" |  
"6590681" | "6671469"  
| "6704508" |  
"6721502" | "6738581"  
| "6771908" |  
"6798991" | "6801679"  
| "6801679" |  
"6804463" | "6810214"  
| "6826368" |  
"6847743" | "6868232"

		"6868232"   "6871021"   "6898376"   "6920287"   "6933852"   "6934472"   "6957018"   "6959126"   "6965735"   "6973228"   "6973269"   "6980711"   "6980736"   "6983109"   "6987899"   "6999677"   "7035537"   "7035537"   "7039316"   "7039318"   "7042559"   "7046928"   "7065268"   "7076163"   "7079715"   "7099578"   "7099582"   "7113698"   "7120356"   "7146103"   "7151893"   "7151893"   "7155127"   "7174066"   "7174066"   "7212739"   "7224706"   "7239773"   "7242860"   "7242861"   "7266297"   "7317875"   "7326916"   "7372804"   "7376348"   "7394983"   "7398018"   "7426347"   "7433362"   "7474851"   "7526200"   "7533254"   "7664397"   "H002075").PN.				
S195	3	(("5986783") or ("6046833")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/20 20:44
S194	7	("20010046074"   "20030223745"   "20040005152"   "6407834"   "6657952"   "6933852").PN. OR ("7286758").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 20:14
S193	90	(out\$side external upstream other) adj nodes and S192	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 19:25
S192	3477	398/9-38.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 19:24

S191	26	(upstream up\$stream) adj node same maintain \$4 near3 state	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 19:22
S190	0	(upstream up\$stream) adj node same maintain \$4 near3 switch\$4 adj state	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 19:21
S189	27	S179 and S188	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 18:52
S188	89515	maintain with switch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 18:52
S187	25	equipment with (error \$4 fault\$2 break fail\$4) and S179 and upstream	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 18:10
S186	67	(equipment and (span fiber ring)) with (error \$4 fault\$2 break fail\$4) and S179	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:50
S185	7	("20010038471"   "20020024690"   "20050013532"   "20050025481"   "5757526"   "6266168"   "6882765").PN. OR ("7499646").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 17:49
S184	45	up\$stream with (error \$4 fault\$2 break fail\$4) and S179	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:40
S183	5	up\$stream adj (error\$4 fault\$2 break fail\$4) and S179	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:39
S182	1	S179 and S181	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:37
S181	120	detect\$4 with up \$stream adj (error\$4 fault\$2 break fail\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:37
S180	0	detect\$4 with up \$stream adj (error\$4 fault\$2 break fail\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 17:37
S179	449	398/10-15.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 16:06

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S219	6	(LOF and LOS). clm. and "398"/\$. ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/07/20 21:13

S218	117	LOF and LOS and "398"/\$.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/07/20 21:13
S217	8	LOF same LOS same node and "398"/\$.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/07/20 21:12

**7/ 26/ 2010 10:20:04 PM**

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